

Please replace the current Abstract with the following new Abstract:

ABSTRACT

A coming and going personnel control system having a high security level by prohibiting a coming person who has dealt with a dangerous substance from entering a facility through a control area is disclosed. Whether a person coming into the control area carries a dangerous substance such as explosive material with him or has dealt with such dangerous substance can be checked by the steps of: ionizing air which has been contacted with the person coming into a control area by a discharging device; the ionized air is detected by a mass spectrometer as a molecular weight; the molecular weight is input into a control processor; and if the detected molecular weight is matched with a molecular weight of dangerous substance which have been registered previously into the control processor, the door in a direction forward to the coming person is closed.